

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/050879

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03B21/14 G03B21/28 H04N5/74

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 400 095 A (HAUCK LANE T ET AL) 21 March 1995 (1995-03-21)	1-3
Y	column 2, line 65 - column 3, line 9 column 4, line 57 - column 5, line 5; figures 1,2	4-13,15
A	US 5 428 415 A (KEELAN BRIAN W ET AL) 27 June 1995 (1995-06-27) the whole document	2
Y	US 5 788 355 A (NA DAE-HEE) 4 August 1998 (1998-08-04) the whole document	4,5
Y	US 4 184 755 A (BURGESS DAVID E ET AL) 22 January 1980 (1980-01-22) abstract; figure 1	15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

28. 01. 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 25 04 913 A (VREDEBORCH GMBH) 19 August 1976 (1976-08-19) the whole document	6-13
Y	----- US 5 980 045 A (FUJIBAYASHI KAZUO) 9 November 1999 (1999-11-09) column 10, line 23 - line 24; figure 1	9,10,12
A	----- US 5 993 009 A (CHOATE ALBERT G) 30 November 1999 (1999-11-30) figure 2 -----	7,8

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,15

Device for projecting images onto different projecting surfaces, having a redirecting mirror movable between a first position, into the beam path, and a second position, out of the beam path, for projecting an image onto either one of a respective first and second surface.

2. claims: 6-14

Device for projecting images onto different projecting surfaces, having an image forming lens movable between a first position, out of the beam path, and a second position, into the beam path, for projecting an image with either one of a respective first and second magnification.

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

As a result of the prior review under R. 40.2(e) PCT,
no additional fees are to be refunded.

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

International Application No

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US 5993009	A	30-11-1999	NONE